Peak District National Park

Forecast valid from 00:00 on Saturday 23 Apr 2022 until 23:59 on Sunday 24 Apr 2022

Forecast Issued on Friday 22 Apr 2022 at 13:05

Confidence: High for rather cloudy and windy weekend, and for general development of cooler, more settled conditions into the new working week. Low for rainfall detail throughout, although amounts mostly slight.

Headline for Saturday 23 Apr 2022: Rather cloudy and windy, with poor visibility in parts of the east at first. Brightest later on.

Mountain weather hazards on Saturday 23 Apr 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Medium Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Drizzle	Cloudy	Cloudy	Cloudy	Sunny intervals	Partly cloudy (night)
Precipitation probability							
20%	20%	30%	20%	20%	10%	10%	10%

Forecast for Saturday 23 Apr 2022

Weather: Rather cloudy and damp in places through the early hours, with the keen easterly wind bringing areas of low cloud in from the east, probably becoming most extensive through dawn. By day, eastern areas will probably stay on the cloudy side, although visibility on the slopes themselves should improve as this cloud largely lifts. Fleeting light rain and showers should fade with time, with the west generally faring best, perhaps eventually seeing a few limited late sunny intervals. The strength of the wind is expected to be the most notable hazard throughout.

Chance of cloud-free hill tops above 600m: 70%

Low cloud and visibility: Areas of low cloud down to around 400 metres mainly affecting the east, with the west most liable to see brighter conditions later Saturday. Cloud perhaps lifting clear of peaks more generally into the afternoon and especially by evening. Visibility otherwise generally good but not exceptional.

Forecast for Saturday 23 Apr 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	23/29 NE	24/31 NE	24/31 NE	24/33 NE	28/38 NE	28/40 E	29/40 NE	26/36 NE	24/34 NE
300	18/26 NE	16/24 NE	20/29 NE	20/29 NE	24/36 NE	23/36 NE	22/35 NE	20/32 NE	19/30 NE
Valley	15/31 NE	14/30 NE	16/33 NE	15/30 NE	19/37 NE	19/37 E	18/37 NE	16/35 NE	16/33 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	4/-2	4/-2	4/-2	5/-0	7/1	7/2	5/-0	3/-3	3/-4
300	6/1	6/2	7/2	8/3	10/6	10/6	8/4	6/1	5/1
Valley	6/2	7/3	7/4	9/6	11/8	12/8	9/6	7/3	6/2
Freezing Level*	1400m	1400m	1400m	1500m	1400m	1400m	1200m	1200m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Local effects may see winds reach gale.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Fri 22 Apr 2022	0mm	2.4mm	2.4mm

Forecast for Sunday 24 Apr 2022

Weather: Probably a brighter day overall, as although still on the cloudy side at times, this cloud will be thinner, higher and more liable to break than on Saturday. Coupled with the lighter wind, this will probably be the better of the two weekend days for most activities in the hills.

Maximum wind: Northeasterly 40mph, but easing appreciably.

Chance of cloud-free hill tops above 600m: 90%

Low cloud and visibility: Areas of low cloud down to 400 metres probably affecting east-facing ground first thing, but more readily breaking and lifting into daybreak. Visibility again good but not exceptional.

Temperature: **Valleys:** Plus 3 becoming plus 15 degrees, but note windchill.
At 600m: Plus 6 Celsius.
Freezing level: Well above the peaks.